

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	0	"EAST PG PUBS(USPAT) INTERFERENCE SEARCH"	US-PGPU B; USPAT	OR	ON	2007/10/01 13:19
L12	3	(substrate and partition adj wall and resin and carbon adj black).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:18
L11	2	(pixel and substrate and partition adj wall and resin and carbon adj black).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:18
L10	2	((method process) and pixel and substrate and partition adj wall and resin and carbon adj black).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17
L9	2	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17
L8	2	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry adj etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub. 6" "CHF.sub.3" "C.sub.2 F. sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" ).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17

## EAST Search History

L7	2	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry adj etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8") and contact adj angle).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17
L6	6	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8") and contact adj angle).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17
L4	1946	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" )).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:17

## EAST Search History

L5	1946	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8")).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:13
L3	2	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8") and contact adj angle and surface adj (coarseness roughness) ).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:13

## EAST Search History

L2	2	((method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8") and contact adj angle and surface adj (coarseness roughness) (Ra) and ink and setting adj ingredient and (water H2O "H.sub.2 O") and solvent and ink-jet).clm.	US-PGPU B; USPAT	OR	ON	2007/10/01 13:12
L1	131	(method process) and optical adj element and pixel and substrate and partition adj wall and resin and carbon adj black and dry etch\$4 and plasma and (oxygen argon helium O2 "O.sub.2" Ar He) and (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8") and contact adj angle and surface adj (coarseness roughness) (Ra) and ink and setting adj ingredient and (water H2O "H.sub.2 O") and solvent and ink-jet	US-PGPU B; USPAT	OR	ON	2007/10/01 13:11

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11 9	6778	(carbon adj black carbonblack C-black) and plasma	US-PGPU B; USPAT	OR	ON	2006/02/22 23:54
S12 2	7	(carbon adj black carbonblack C-black) same (plasma etch\$4) same ((CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub. 4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" "CF.sub.3 H") and (oxygen O2 "O.sub.2" "O2" "O.sub.2" Ar argon He helium))	US-PGPU B; USPAT	OR	ON	2006/02/23 00:01

## EAST Search History

S12 3	33	(US-20020197554-\$ or US-20020009536-\$ or US-20040201048-\$ or US-20030034732-\$ or US-20040070342-\$ or US-20040038138-\$ or US-20030011660-\$ or US-20010051585-\$ or US-20050156148-\$).did. or (US-5015856-\$ or US-6221543-\$ or US-6476988-\$ or US-6800010-\$ or US-6271161-\$ or US-5985460-\$ or US-5674634-\$ or US-5037723-\$ or US-5951350-\$ or US-6297577-\$ or US-6630274-\$ or US-5742006-\$ or US-6723576-\$ or US-6767983-\$).did. or (EP-985741-\$).did. or (JP-10183040-\$ or JP-10265728-\$ or JP-09302290-\$ or JP-08231909-\$ or JP-11283502-\$).did. or (EP-1160590-\$ or WO-200059987-\$ or JP-08241889-\$ or JP-2000277005-\$).did.	US-PGPU B; USPAT; EPO; JPO; DERWEN T	OR	ON	2006/02/23 00:06
S12 4	2	(US-6642300-\$ or US-5500201-\$).did.	USPAT	OR	ON	2006/02/23 00:06
S12 5	2	S124 not S123	US-PGPU B; USPAT	OR	ON	2006/02/23 00:06

## EAST Search History

S12 0	1871	(carbon adj black carbonblack C-black) and (plasma etch\$4) same (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub. 6" "CHF.sub.3" "C.sub.2 F. sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" "CF.sub. 3 H" oxygen O2 "O.sub.2" "O2" "O.sub.2" Ar argon He helium)	US-PGPU B; USPAT	OR	ON	2006/02/23 00:07
S12 1	155	(carbon adj black carbonblack C-black) and (plasma etch\$4) same ((CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" "CF.sub.3 H") and (oxygen O2 "O.sub.2" "O2" "O.sub.2" Ar argon He helium))	US-PGPU B; USPAT	OR	ON	2006/02/23 00:07
S12 6	2	(carbon adj black carbonblack C-black) and (plasma etch\$4) same ((CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub.6" "CHF.sub.3" "C.sub.2 F.sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" "CF.sub.3 H") and (oxygen O2 "O.sub.2" "O2" "O.sub.2" Ar argon He helium))	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/23 00:07
S16	2168	((barrier partition pixel) adj (wall rib pixel)) same resin\$3	US-PGPU B; USPAT	OR	ON	2006/02/23 00:09

## EAST Search History

S12 7	71	(carbon adj black carbonblack C-black) and (plasma etch\$4) same (CF4 SF6 CHF3 C2F6 C3F8 C5F8 "CF.sub.4" "SF.sub. 6" "CHF.sub.3" "C.sub.2 F. sub.6" "C.sub.3 F.sub.8" "C.sub.5 F.sub.8" "CF.sub. 3 H" oxygen O2 "O.sub.2" "O2" "O.sub.2" Ar argon He helium)	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/23 00:09
S12 8	1	S127 and (barrier partition pixel wall rib pixel) and resin\$4	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/23 00:11
S13 0	56	S127 not S129	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/23 00:16
S13 1	6	(US-6642300-\$ or US-5500201-\$).did. or (JP-59199764-\$).did. or (JP-60228576-\$ or JP-57159856-\$ or DE-2538055-\$).did.	USPAT; JPO; DERWEN T	OR	ON	2006/02/23 00:29
S13 2	6	S131 not S123	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/23 00:30

## EAST Search History

S12 9	15	S127 and (barrier partition pixel wall rib pixel resin\$4)	EPO; JPO; DERWEN T; IBM_TD B	OR	ON	2006/02/28 22:40
S13 3	2	("6630274").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2006/02/28 22:41
S13 4	0	S133 and (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:41
S13 5	0	S133 and (carbon diamond) with black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:43
S13 6	26836	(partition barrier rib wall) and (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:44
S13 7	746	((partition barrier) near (rib wall)) and (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:45
S13 8	135	resin with ((partition barrier) near (rib wall)) and (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:58
S14 0	19	S138 and contact adj angle	US-PGPU B; USPAT	OR	ON	2006/02/28 22:58
S14 1	199	resin same ((partition barrier) near (rib wall)) and (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 22:58
S14 2	5	S141 not S138 and contact adj angle	US-PGPU B; USPAT	OR	ON	2006/02/28 22:58

## EAST Search History

S14 3	17	contact adj angle with (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 23:06
S14 4	18	contact near angle with (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 23:06
S14 5	18	contact near2 angle with (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 23:06
S14 6	93	contact near2 angle same (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/02/28 23:06
S14 7	76	S146 not S143	US-PGPU B; USPAT	OR	ON	2006/02/28 23:20
S13 9	16	resin with ((partition barrier) near (rib wall)) with (carbon diamond) near black	US-PGPU B; USPAT	OR	ON	2006/03/01 00:10
S14 8	19	contact near2 angle with ((partition barrier) near (rib wall))	US-PGPU B; USPAT	OR	ON	2006/03/01 00:17
S14 9	33	contact near2 angle same ((partition barrier) near (rib wall)) not S148	US-PGPU B; USPAT	OR	ON	2006/03/01 00:18
S15 0	0	S149 and contact near2 angle near "110"	US-PGPU B; USPAT	OR	ON	2006/03/01 00:18
S15 1	5	S149 and contact near2 angle with "110"	US-PGPU B; USPAT	OR	ON	2006/03/01 00:19
S15 2	33	S149 and contact near2 angle	US-PGPU B; USPAT	OR	ON	2006/03/01 00:19

## EAST Search History

S15 3	2	("6677243").PN.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TD B	OR	OFF	2006/08/16 19:26
S15 4	1	(US-20040201048-\$).did.	US-PGPU B	OR	ON	2006/08/18 15:01
S15 5	1	S154 and water	US-PGPU B; USPAT	OR	ON	2006/08/18 15:01
S15 6	1	(US-20020187312-\$).did.	US-PGPU B	OR	ON	2006/08/18 15:23
S15 7	1	S156 and carbon adj black	US-PGPU B	OR	ON	2006/08/18 16:07
S15 8	1	(US-5470760-\$).did.	USPAT	OR	ON	2006/08/18 16:07
S15 9	0	S158 and carbon adj black	US-PGPU B	OR	ON	2006/08/18 16:08
S16 0	1	S158 and carbon adj black	US-PGPU B; USPAT	OR	ON	2006/08/18 16:08
S16 1	5	("20020187312" "200402 01048" "5015856" "54707 60" "6630274").PN.	US-PGPU B; USPAT	OR	ON	2006/12/13 17:16
S4	960	resin with ((pixel partition) adj wall barrier adj rib)	US-PGPU B; USPAT	OR	ON	2007/10/01 13:02